MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

MAY 1924

J. A. BROWN, DIRECTOR

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AUG 7 - 1924

MAY 1924

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min.on grass		
1	759.8	759.0	759.0	759.3	23.2	15.8		9.6	
2	9.0	8.4	8.6	8.7	23.4	16.8		10.4	
3	9.0	8.1	8.3	8.5	24.2	16.3		8.0	
4	8.5	8.8	9.1	8.8	23.4	16.9		9.2	
5	9.1	9.3	9.4	9.3	22.7	16.2	—	9.2	0.51
6	9.3	9.1	9.6	9.3	23.4	15.6		10.6	
7	9.3	8.7	8.7	8.9	23.7	15.8		6.0	
8	7.9	7.4	7.9	7.7	24.1	16.6		7.2	0.25
9	8.2	8.2	8.8	8.4	24.5	15.7		11.4	
10	9.5	9.3	60.1	9.6	23.9	16.1	—	11.9	
11	9.8	60.2	0.6	60.2	23.6	16.6		10.8	
12	61.0	0.5	1.0	0.8	24.3	18.1		11.7	
13	1.7	1.5	1.3	1.5	24.6	18.1		11.4	
14	2.2	1.4	1.7	1.8	24.8	20.2		11.5	
15	0.7	0.8	59.2	0.2	26.2	18.1	—	11.8	
16	59.3	58.1	8.4	58.6	25.5	19.1		11.7	
17	9.5	9.4	0.1	9.7	26.2	18.1		11.0	
18	60.0	60.0	1.0	60.3	24.9	17.9		11.5	
19	0.4	0.1	0.3	0.3	25.0	17.3		10.0	0.635
20	60.0	59.6	59.6	59.7	25.2	17.4	—	11.8	
21	59.3	9.3	9.7	9.4	25.0	17.7		9.7	
22	60.4	60.8	61.1	60.8	25.6	17.9		8.5	
23	0.9	0.8	0.8	0.8	25.4	17.5		12.0	
24	0.1	0.7	59.3	60.0	25.2	17.6		11.2	
25	58.7	57.7	8.0	58.1	25.1	20.2	—	3.0	1.145
26	8.5	8.3	8.6	8.5	25.7	20.8		7.6	
27	8.6	8.9	9.5	9.0	27.5	21.5		9.5	
28	9.3	9.2	9.5	9.3	27.3	20.0		10.3	
29	9.8	9.5	9.6	9.6	26.8	19.2		12.0	
30	9.4	8.7	9.0	9.0	26.8	19.0		11.9	
31	9.7	9.4	9.9	9.7	27.4	19.7	—	9.7	
	759.64	759.39	759.60	759.54	24.99	17.86		10.07	2.54

BAROMETER

Maximum	762.2	on 14th
Minimum	757.4	on 8th

THERMOMETER

Maximum	27.5	on 27th
Minimum	15.6	on 6th
Minimum on grass		on

RAINFALL

Maximum 1.145 mm. on 25th

Number of days with rain 4 thunderstorms 0 fog 0 gale 0

MAY 1924

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	20.5	22.1	18.1	20.2	18.1	18.9	16.9	13.0	14.1	13.6	13.6	78	71	87	79
2	20.9	23.1	18.7	20.9	18.1	19.3	16.5	13.5	14.0	12.4	13.3	73	67	78	73
3	22.7	23.5	19.2	21.8	18.6	18.9	16.9	13.1	13.1	12.7	13.0	64	61	77	67
4	21.9	22.7	18.1	20.9	17.4	17.6	15.7	11.9	11.7	11.7	11.8	60	57	76	64
5	19.2	22.0	17.3	19.5	16.2	17.0	14.8	11.8	11.4	11.0	11.4	71	57	75	68
6	20.9	23.0	18.2	20.7	17.4	17.7	15.7	12.4	11.8	11.7	12.0	68	56	76	67
7	18.7	21.9	19.1	19.9	16.7	19.2	16.6	12.8	14.7	12.4	13.3	80	74	75	76
8	21.2	23.4	18.3	21.0	17.0	19.0	17.2	11.7	13.6	13.8	13.0	62	62	88	71
9	21.7	23.9	19.1	21.6	18.4	19.5	17.3	13.5	13.8	13.5	13.6	70	62	82	71
10	21.0	23.7	19.3	21.3	17.6	19.6	17.8	12.7	14.0	14.2	13.6	69	64	85	73
11	21.8	23.3	20.0	21.4	18.5	19.7	18.1	13.6	14.5	14.0	14.0	69	68	81	73
12	22.3	23.4	20.9	22.2	18.4	18.8	19.2	13.1	13.1	15.3	13.8	65	61	83	70
13	22.6	23.5	21.9	22.7	16.3	20.9	18.7	10.2	16.4	13.8	13.5	50	76	70	65
14	22.9	24.8	20.3	22.7	19.7	20.3	18.0	14.8	14.6	13.7	14.4	71	63	77	70
15	20.3	24.4	20.1	21.6	18.0	21.4	19.5	13.7	16.7	16.4	15.6	77	73	94	81
16	24.1	24.6	21.7	23.5	20.3	20.7	20.6	15.1	15.3	17.0	15.8	67	67	88	74
17	23.7	25.1	20.8	23.2	21.3	21.3	18.3	16.5	16.1	13.8	15.5	77	68	76	74
18	23.0	23.1	20.6	22.2	18.4	18.9	18.2	12.8	13.4	13.7	13.3	61	64	76	67
19	22.0	23.4	19.2	21.5	18.2	18.6	17.1	12.9	12.9	13.0	12.9	66	60	79	68
20	22.8	24.2	19.7	22.2	18.7	19.7	17.6	13.3	13.9	13.8	13.7	64	62	83	70
21	22.0	24.1	19.4	21.8	19.1	19.6	17.8	14.3	13.8	13.9	14.0	73	62	83	73
22	22.6	24.6	19.7	22.3	19.0	19.5	17.6	13.8	13.4	13.5	13.6	68	58	80	69
23	23.4	25.3	20.3	23.0	19.4	20.7	18.8	14.0	14.8	15.1	14.6	66	62	85	71
24	22.6	24.8	21.7	23.0	20.1	20.7	19.6	15.6	15.1	15.3	15.3	76	65	79	73
25	22.7	23.1	22.5	22.8	20.3	20.3	21.2	15.9	15.6	17.6	16.4	78	75	87	80
26	24.3	25.0	22.3	23.9	21.2	22.1	20.9	16.4	17.4	17.3	17.0	73	74	87	78
27	24.9	27.0	22.8	24.9	21.2	21.5	20.6	15.9	15.1	16.3	15.8	68	56	80	68
28	24.9	26.6	22.4	24.6	22.0	22.7	21.1	17.4	15.4	17.6	16.8	74	59	87	73
29	24.0	25.9	21.3	23.7	21.2	20.8	18.9	16.7	17.2	14.5	16.1	74	59	76	70
30	24.5	26.7	21.8	24.3	20.7	21.8	20.2	15.4	15.8	16.4	15.9	68	60	84	71
31	25.2	25.2	23.1	24.8	21.3	22.0	21.0	16.0	16.5	16.9	16.5	67	64	81	71
	22.2	24.1	20.3	22.2	18.9	20.0	18.9	14.0	14.5	14.4	14.3	69.3	64.1	81.3	71.5

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Height of Rain Guage: above ground 0.56 m.; above sea level 30.31 m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

MAY 1924

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	7cus	0	0	2.3	0	0	0	100.0	calm	
2	0	0	0	0	1	1	0	99.2	,,	
3	5	3s	0	2.7	2	2	1	114.9	v. slight	
4	5	2	1	2.7	1	2	1	254.5	,,	
5	6cun	1	1	2.7	1	2	0	149.5	,,	
6	2	2s	2	2.0	2	2	0	249.4	,,	
7	10cun	6ns	0	5.3	0	Inw	Ine	163.6	,,	tr. in eve
8	1	4s	0	1.7	1	2	0	163.1	calm	
9	0	0	0	0	3	2	0	202.6	v. slight	
10	0	0	0	0	1	2	Ine	144.2	,,	
11	0	0	0	0	0	2n	Ine	119.1	,,	
12	0	0	0	0	0	2n	Ine	194.1	,,	
13	0	0	0	0	0	3ne	2ne	258.1	,,	
14	0	0	0	0	3ne	2ne	0	343.0	slight	
15	0	0	2cus	0.7	1	0	0	114.1	calm	
16	0	0	0	0	0	2e-	0	137.9	,,	
17	2	1	10	4.3	2	3	3	193.6	slight	
18	3	2	4	3.0	3	3	0	216.4	,,	
19	4cus	2	5	3.7	2	3	0	131.9	,,	
20	1	2	0	1.0	1	2	0	115.8	v. slight	
21	8cun	2	0	3.3	0	2	0	133.6	,,	tr. 8.30 a.m.
22	2	8cun	0	3.3	2	1	0	80.5	calm	
23	0	1	0	0.3	1	2	0	113.9	,,	
24	0	0	0	0	1	2	0	118.8	,,	
25	6	9cun	9cun	8.0	2	2ne	3	222.1	v. slight	
26	6	1	1	2.7	1	2nw	0	255.9	,,	
27	0	1	0	0.3	1	1	0	165.7	,,	
28	2	0	0	0.7	2	2	0	96.4	,,	
29	0	0	0	0	1	2	0	104.3	calm	
30	0	0	0	0	1	3	0	97.1	v. slight	
31	1	0	0	0.3	1	2	0	123.4	,,	
				1.7				157.4		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	1	0	0	0	23	0	0	7
2:30	2	3	1	0	0	21	0	2	2
8:30	0	5	0	0	0	4	0	0	22
Totals	2	9	1	0	0	48	0	2	31

N.B.—Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, SW.